

Kiowa Warrior



MISSION

Conduct armed reconnaissance, security, target acquisition and designation, command and control, light attack, and defensive air combat (defensive) missions in support of combat and contingency operations.

DESCRIPTION AND SPECIFICATIONS

The Kiowa Warrior is the Army's rapidly deployable, lightly armed reconnaissance helicopter. The Kiowa Warrior includes advanced visionics, navigation, communication, weapons, and cockpit integration systems. The Mast-Mounted Sight (MMS) houses a thermal imaging system, low-light television, and a laser rangefinder/designator. These systems allow target acquisition and engagement at stand-off ranges and in adverse weather conditions. The Kiowa Warrior's highly accurate navigation system provides precise target location that can be sent digitally to other aircraft or artillery via its advanced communications system. Battlefield imagery can be transmitted to provide near-real-time situational awareness to command and control elements.

The Kiowa Warrior is rapidly deployable by air and can be fully operational within minutes of arrival. The armament systems combine to provide anti-armor, anti-personnel, and anti-aircraft capabilities at standoff ranges. Although Kiowa Warrior fielding is complete, the Army is currently installing a series of safety and performance modifications to keep the aircraft safe and mission effective until it is retired.

Max gross weight: 5,500 lb

Max speed: 118 kt, clean; 113 kt, armed

Crew: 2

Armament: Air-to-Air Stinger (ATAS) (2 round launcher); .50 caliber machine gun; HYDRA 70 (2.75 in) rockets (7-shot pod); HELLFIRE missiles (2-round launcher)

FOREIGN COUNTERPART

France: Gazelle, Allouette; Germany: BO-105; Russia: Hind, Hip, Hoplite.

FOREIGN MILITARY SALES

Taiwan: Delivery of 26 Kiowa Warriors completed. Thirteen additional aircraft requested as amendment to the existing foreign military sales case.

PROGRAM STATUS

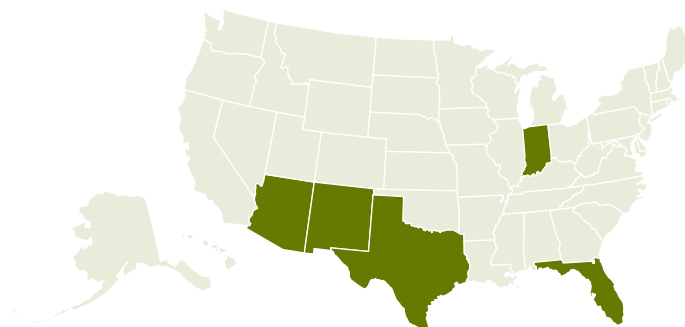
- **2QFY97** Initiated Safety Enhancement Program (SEP) (installation of safety and performance enhancements).
- **2QFY99** Completed OH-58D retrofit program.
- **1QFY00** Completed initial Kiowa Warrior fielding.
- **1QFY01** Awarded contract for SEP Lot IV (22 aircraft)

PROJECTED ACTIVITIES

- **1QFY02** Award SEP lot V contract (22 aircraft).
- **2QFY06** Begin retirement of Kiowa Warriors as the Army fields RAH-66 Comanche.
- **1QFY09** Return last SEP-modified aircraft to the field.

PRIME CONTRACTORS

Rolls Royce/Allison Engines (Indianapolis, IN); Honeywell (Albuquerque, NM); Textron (Fort Worth, TX); Boeing (Anaheim, CA); Simula (Tempe, AZ)



* See appendix for list of subcontractors

